INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/07041

A. CLASS Int.	FICATION OF SUBJECT MATTER C1 ⁷ H04B7/08		
According to	o International Patent Classification (IPC) or to both nat	ional classification and IPC	
B. FIELDS	S SEARCHED .		
Minimum de	ocumentation searched (classification system followed b	y classification symbols) 04L1/02-1/04, H04J11/00)
Jitsu Kokai	ion searched other than minimum documentation to the ayo Shinan Koho 1922–1996 Jitsuyo Shinan Koho 1971–2003	Toroku Jitsuyo Shinan Koho Jitsuyo Shinan Toroku Koho	0 1994-2003 0 1996-2003
	ata base consulted during the international search (name	c of data base and, where practicable, sear	rch terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where app		Relevant to claim No.
X Y	JP 11-41196 A (Victor Company 12 February, 1999 (12.02.99), Par. Nos. [0030] to [0040]; F & CN 1205580 A		1,2,6 3-5
Y X	JP 4-222124 A (NEC Corp.), 12 August, 1992 (12.08.92), Figs. 1, 2 (Family: none)		1,2,6 3
Х	JP 7-283768 A (Fujitsu Ltd.) 27 October, 1995 (27.10.95), Par. Nos. [0004] to [0009]; F (Family: none)		1,2,6
X Further documents are listed in the continuation of Box C. S ee patent family annex.			
* Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family	
02 8	actual completion of the international search September, 2003 (02.09.03)	Date of mailing of the international sea 24 September, 2003	rch report (24.09.03)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	

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I		Τ
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Х	<pre>JP 2-246428 A (Fujitsu Ltd.), 02 October, 1990 (02.10.90), (Family: none)</pre>	1,2,6
A	JP 2000-36801 A (NEC Corp.), 02 February, 2000 (02.02.00), Par. Nos. [0015] to [0036]; Figs. 2, 3 & EP 0975101 A2 & US 6151372 A	4,5
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